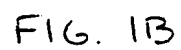
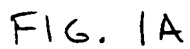


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METHODS OF USE

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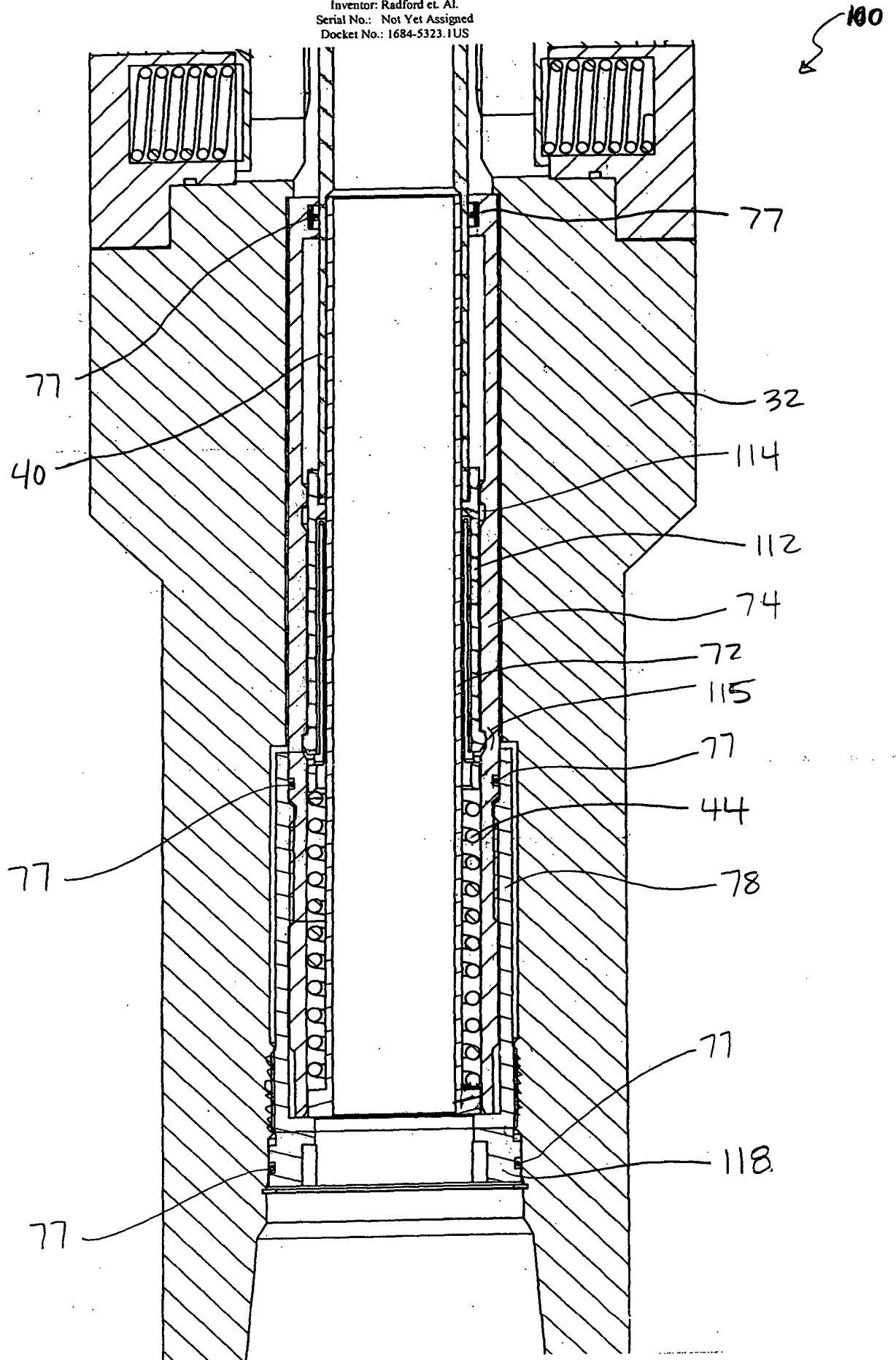
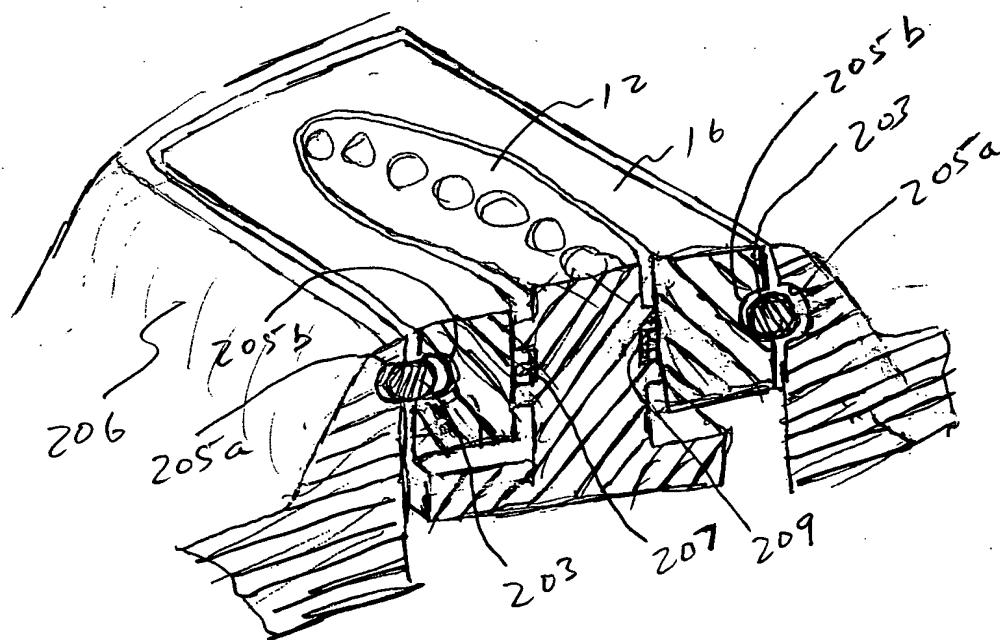


FIG. 1C



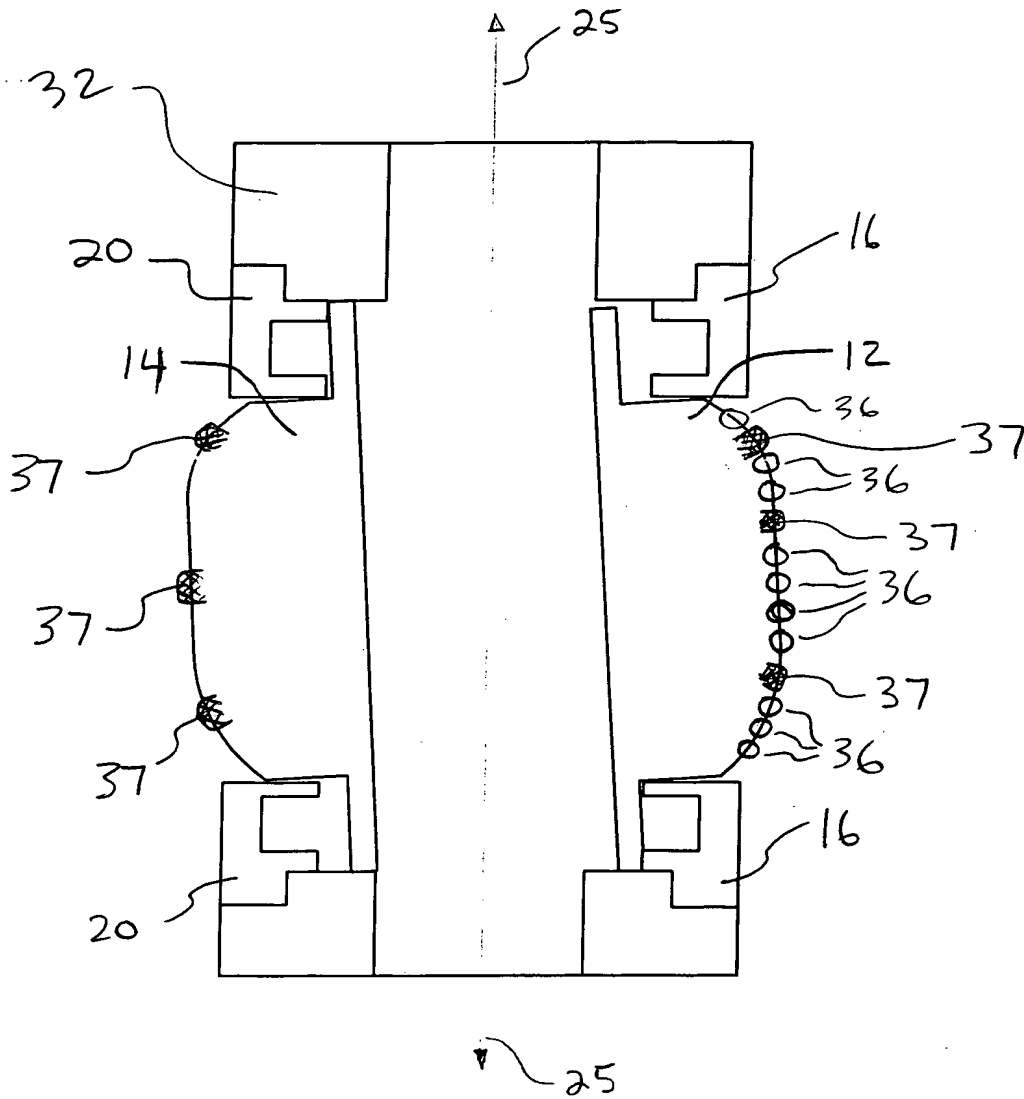


FIG. 1E

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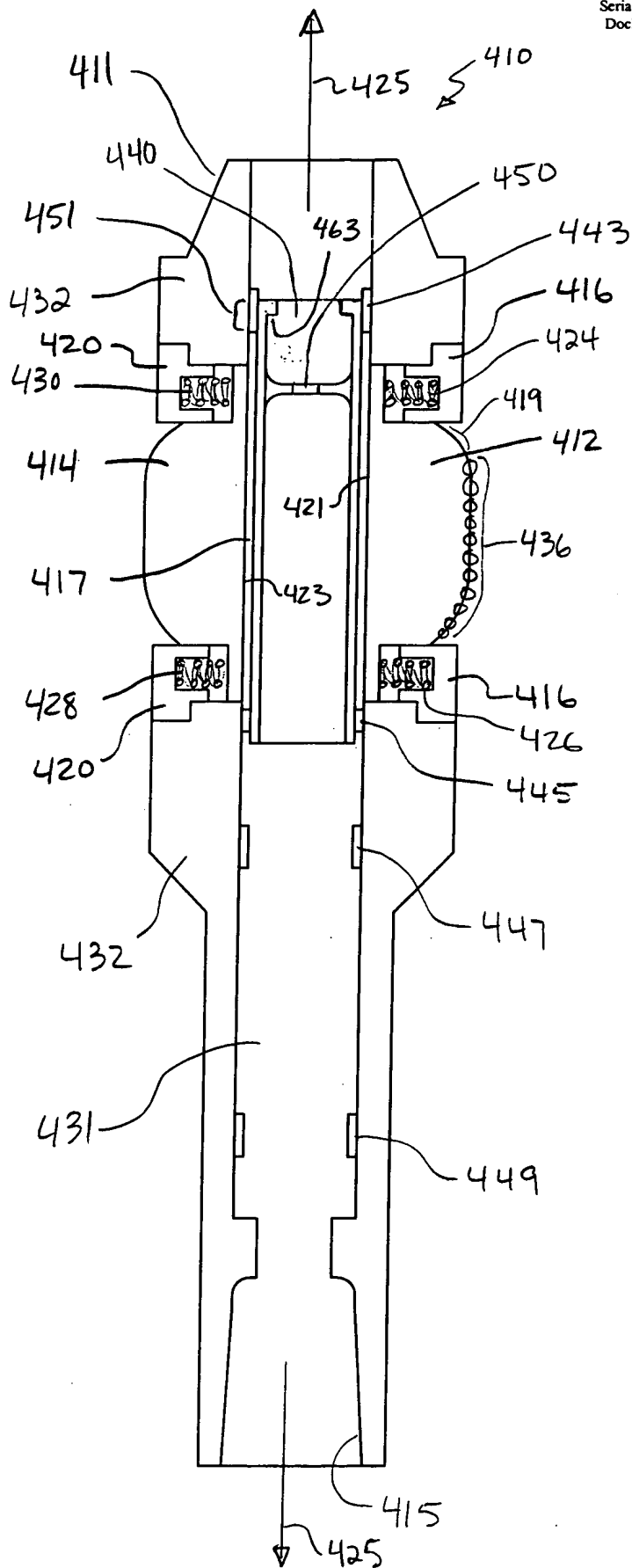


FIG. 1F

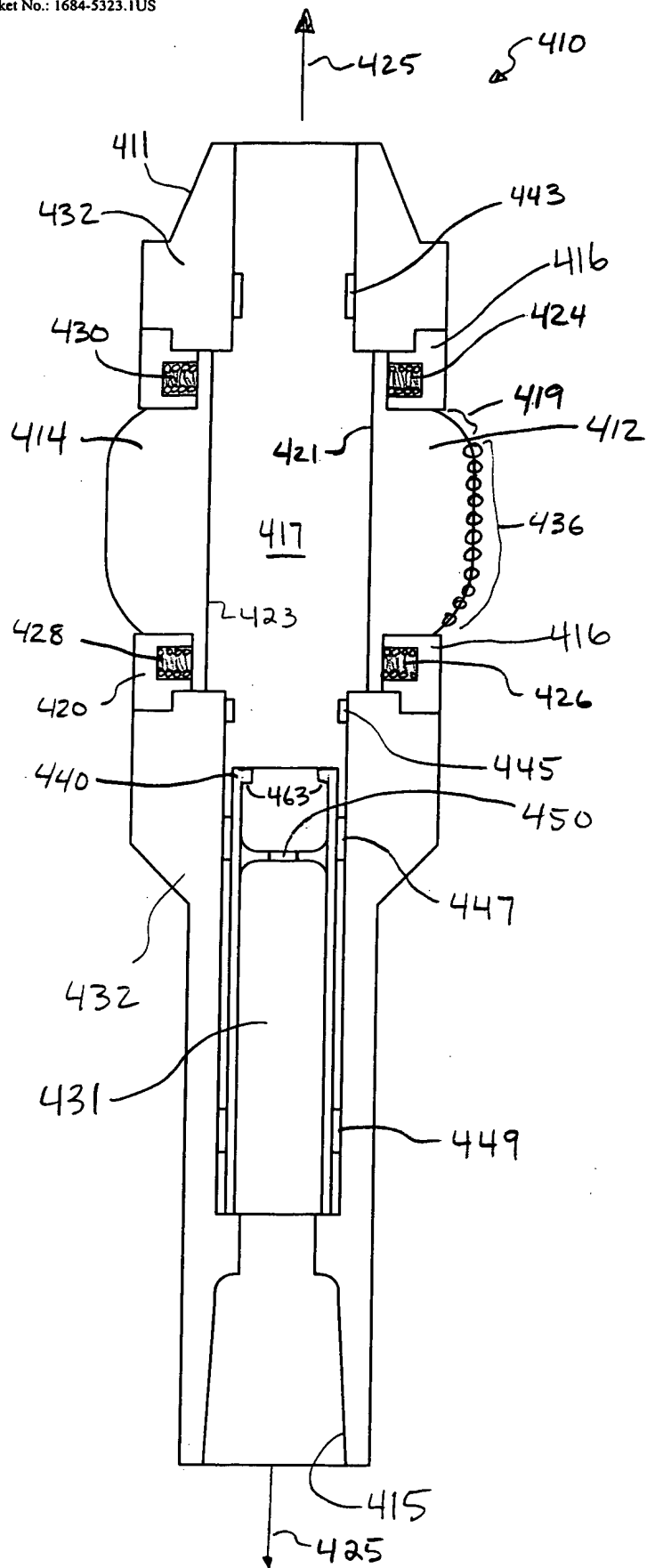


FIG. 16

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FIG. 1H

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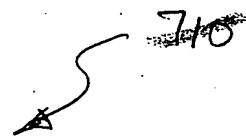


FIG. 11

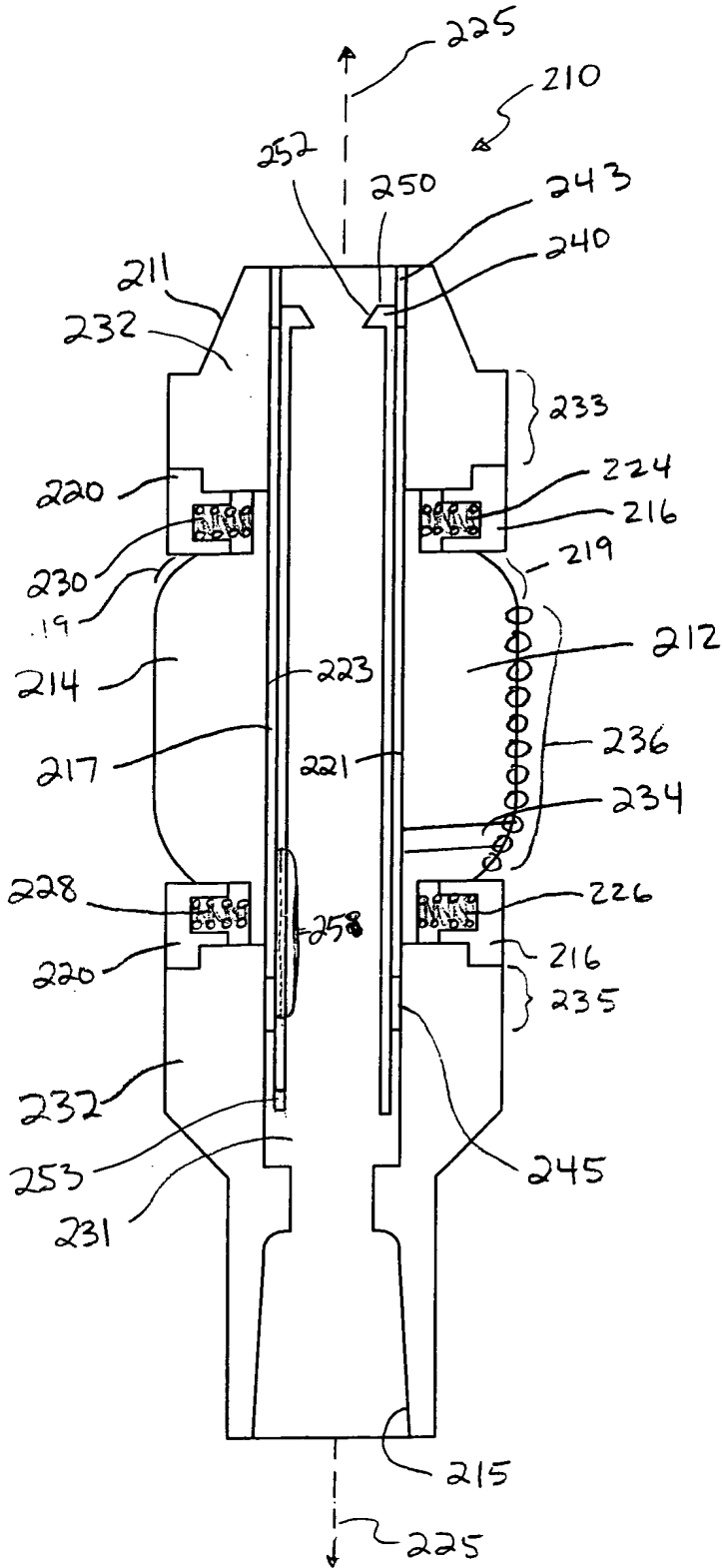


FIG. 2A

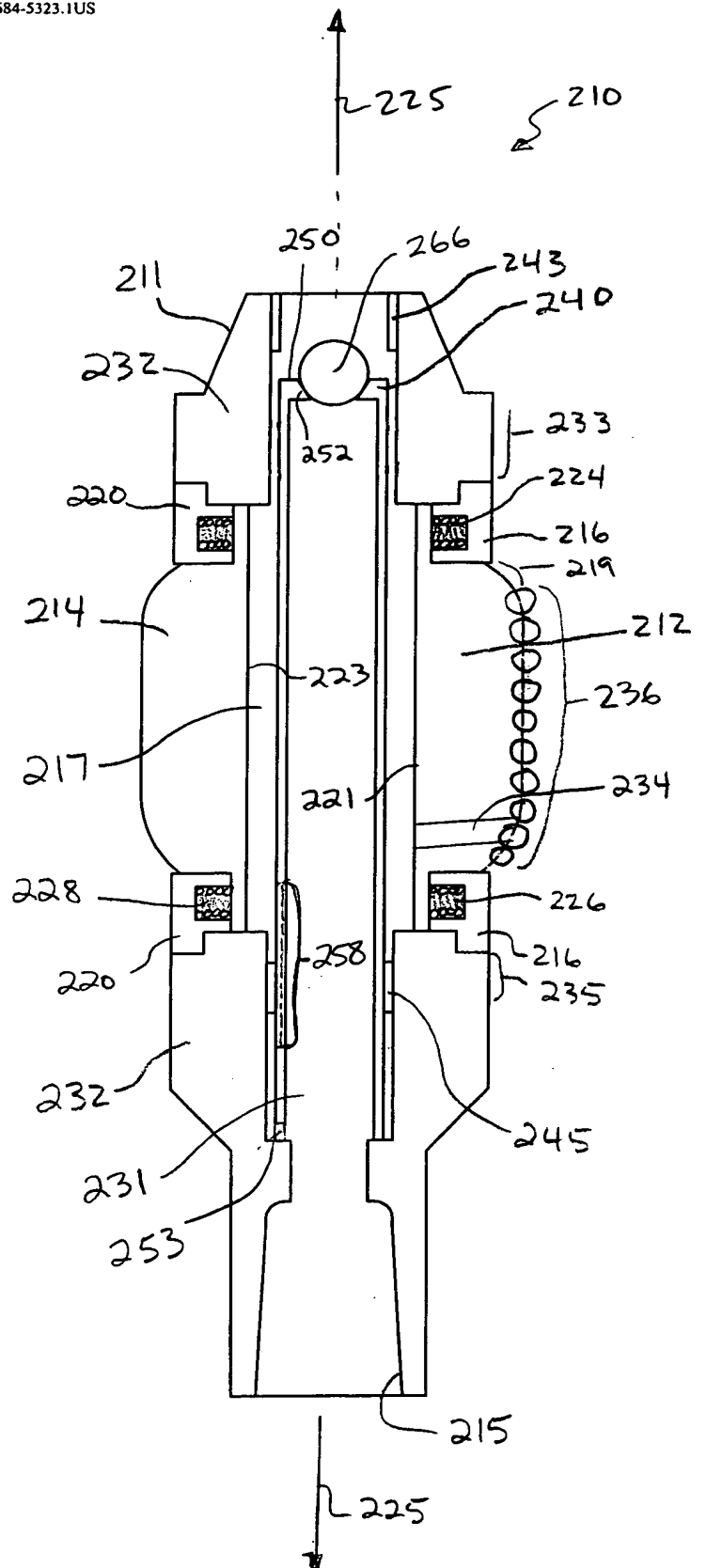


FIG. 2B

TITLE: EXPANDABLE REAMER APPARATUS FOR
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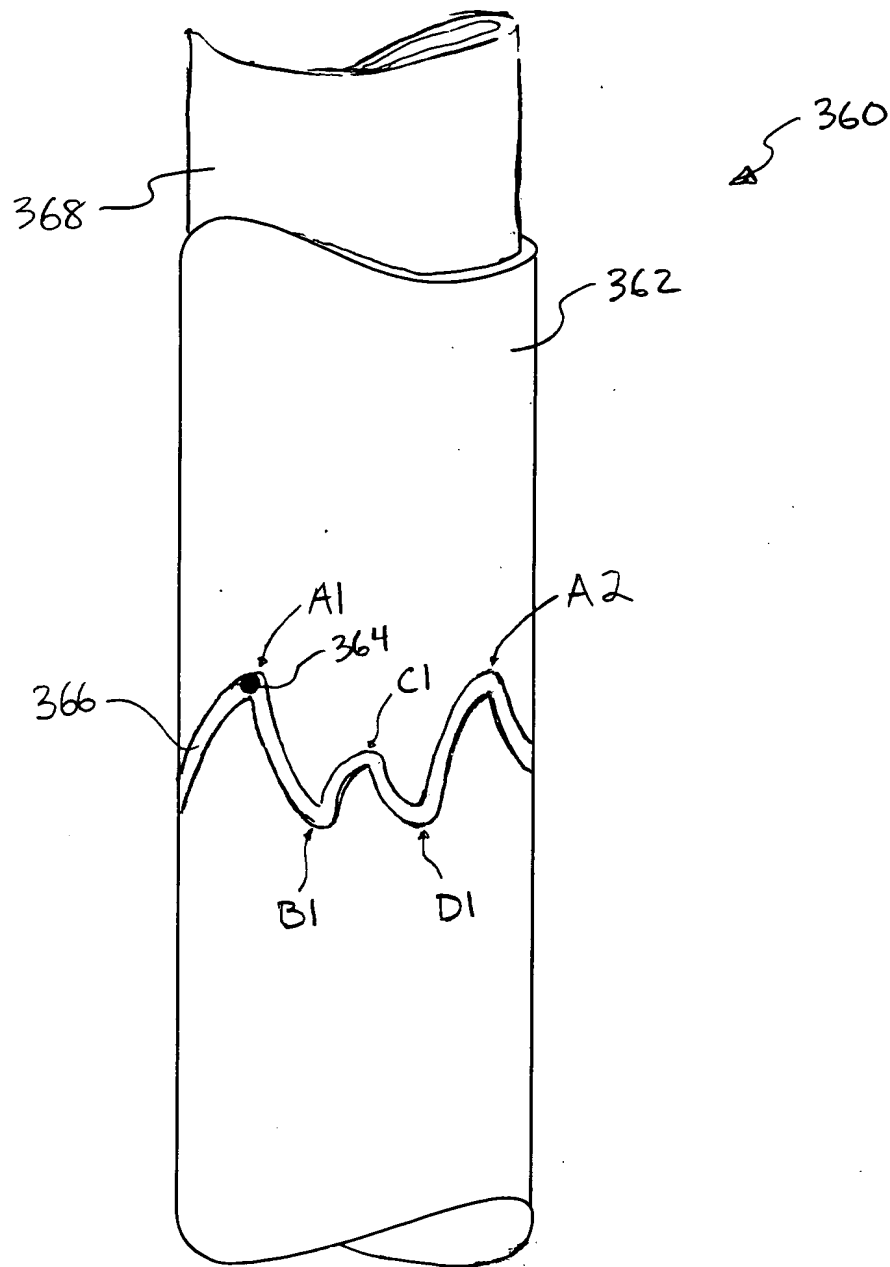
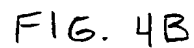
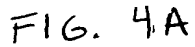


FIG. 3

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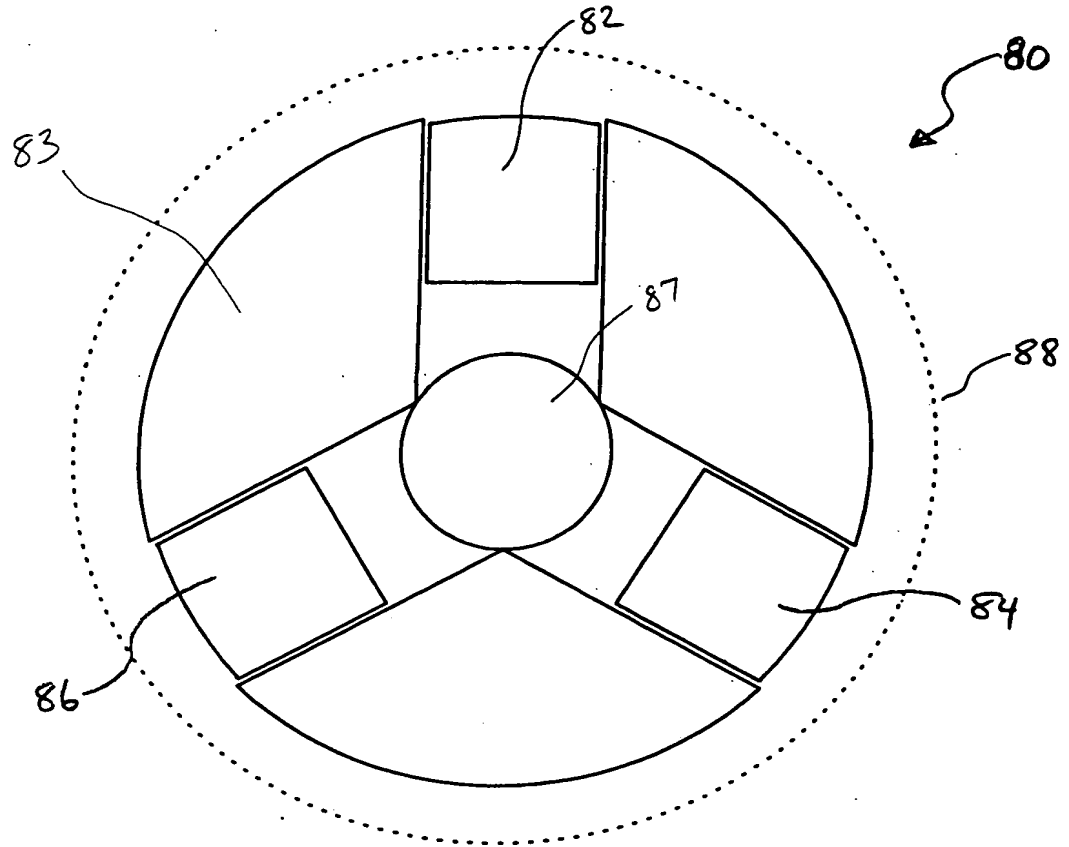


FIG. 5A

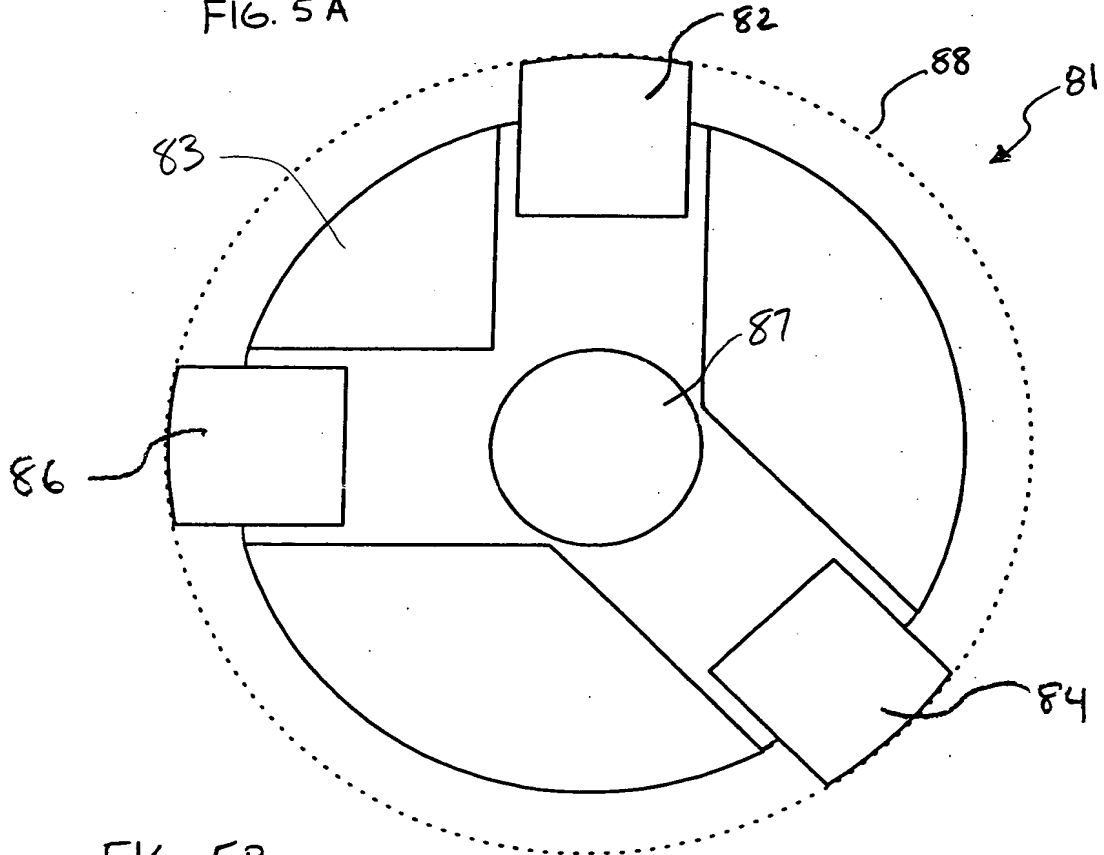


FIG. 5B

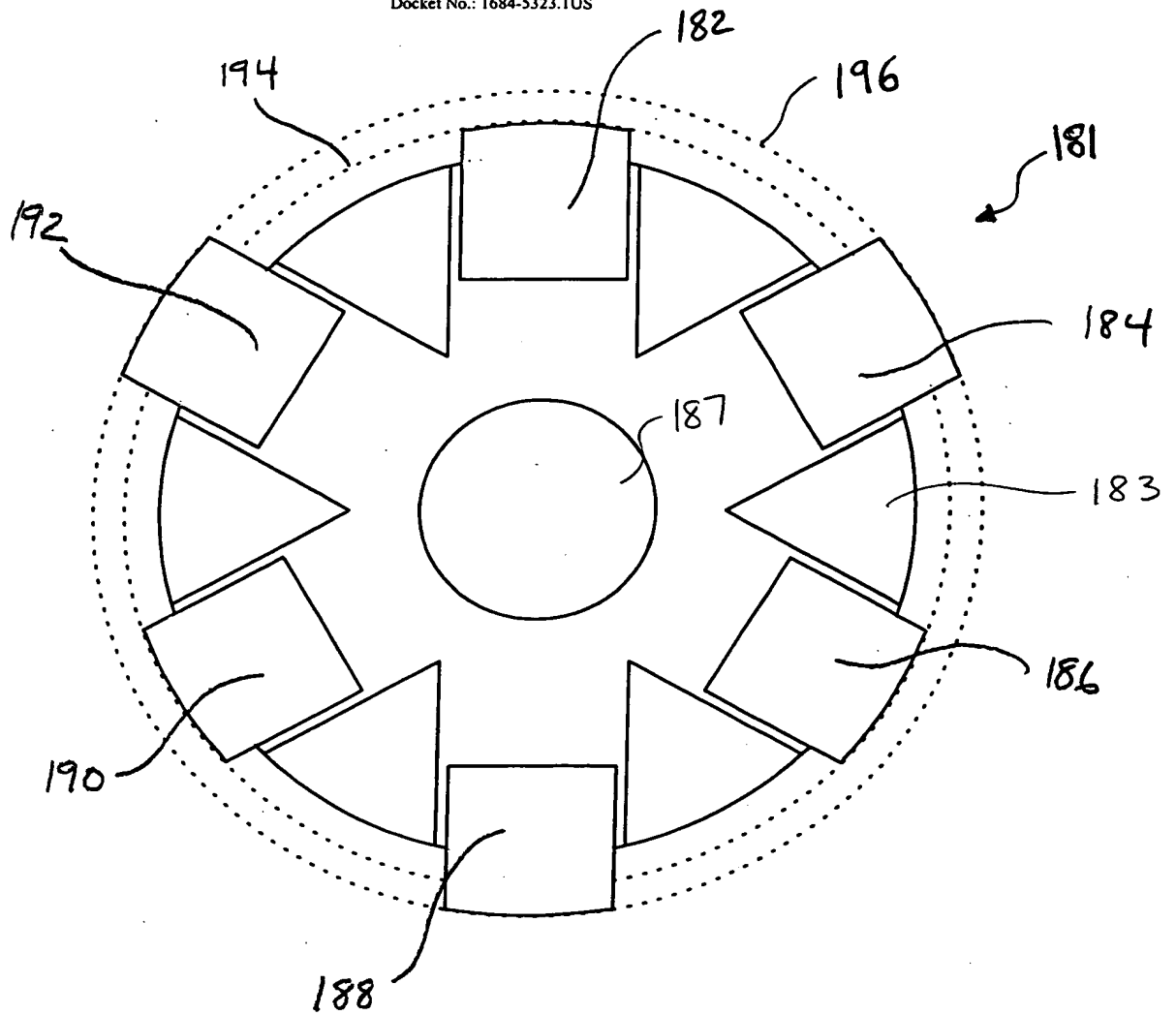


FIG. 5C

TITLE: EXPANDABLE REAMER APPARATUS FOR
ENLARGING BOREHOLES WHILE DRILLING AND
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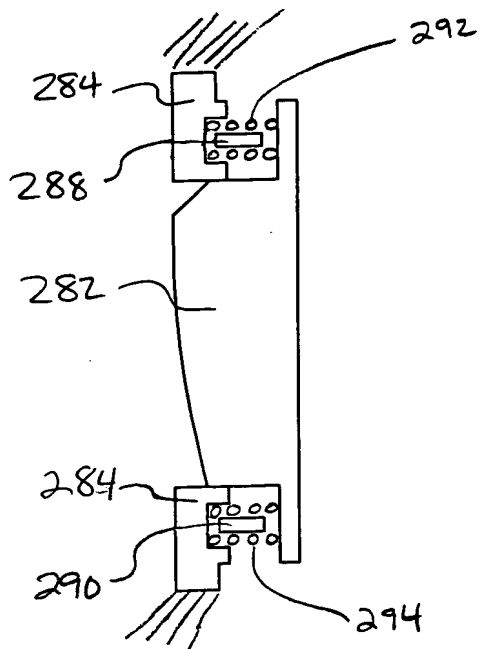


FIG. 6A

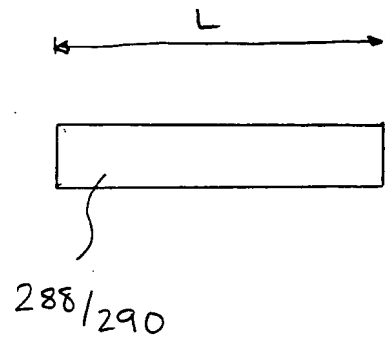


FIG. 6B

TITLE: EXPANDABLE REAMER APPARATUS FOR
ENLARGING BOREHOLES WHILE DRILLING AND
METHODS OF USE

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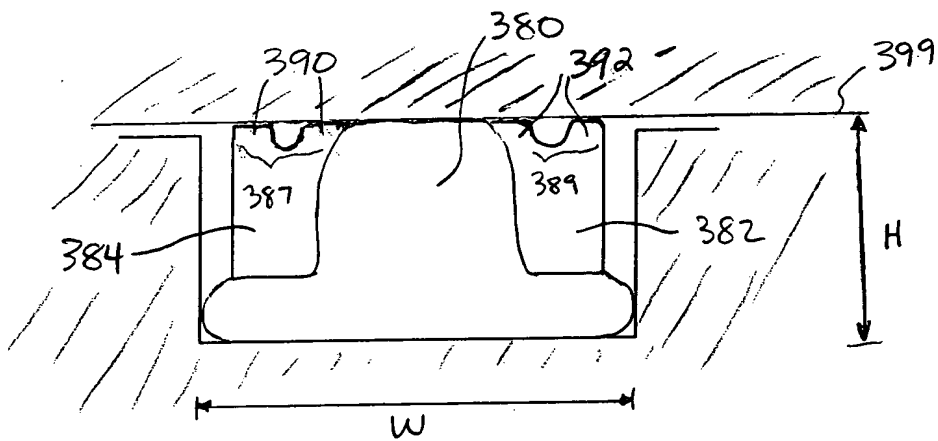
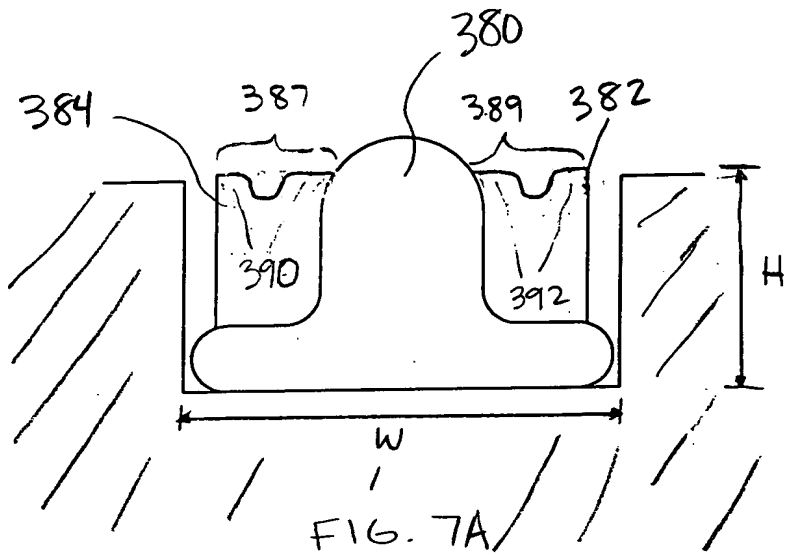
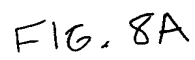


FIG. 7B

Inventor: Radford et. Al.
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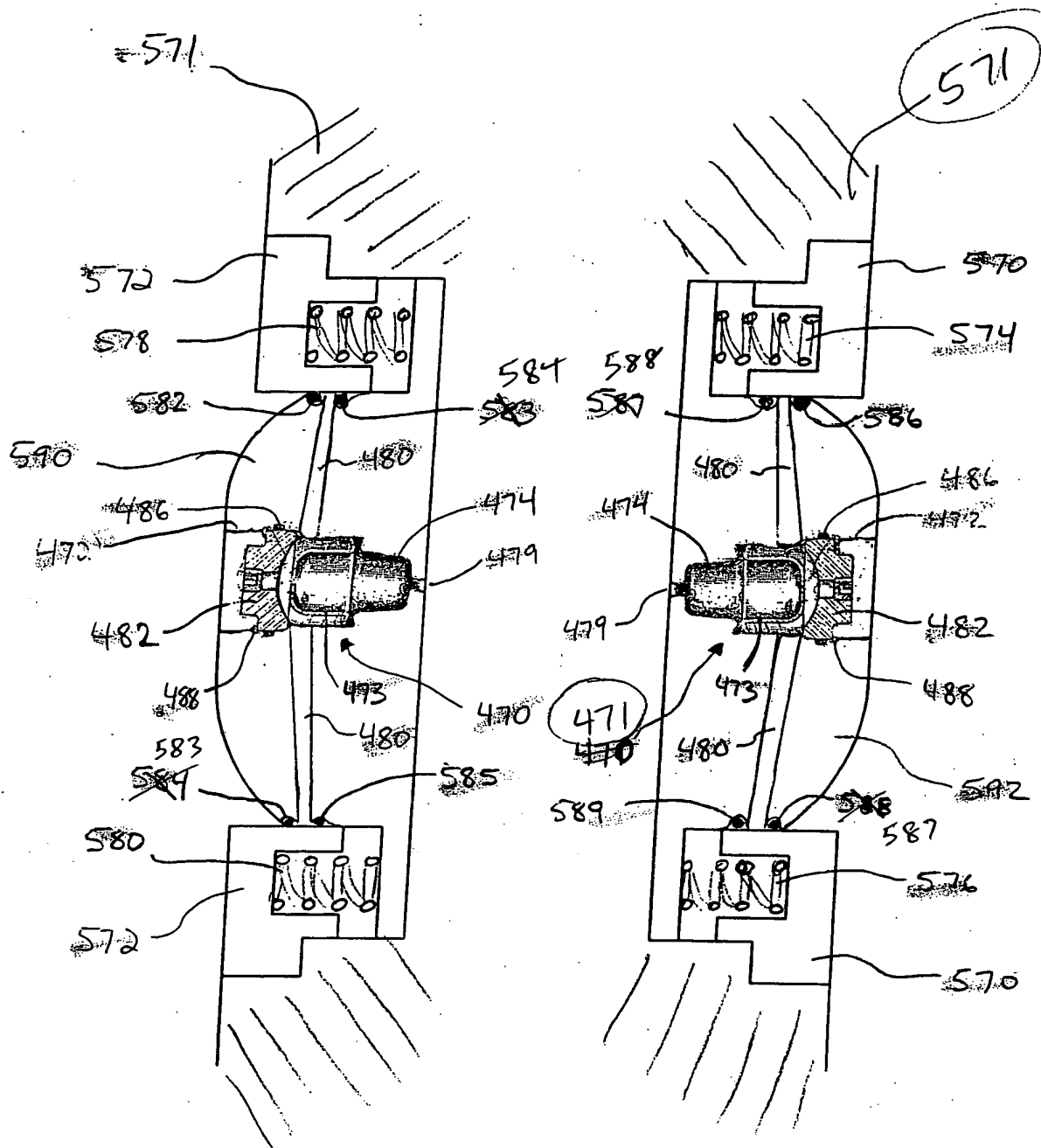
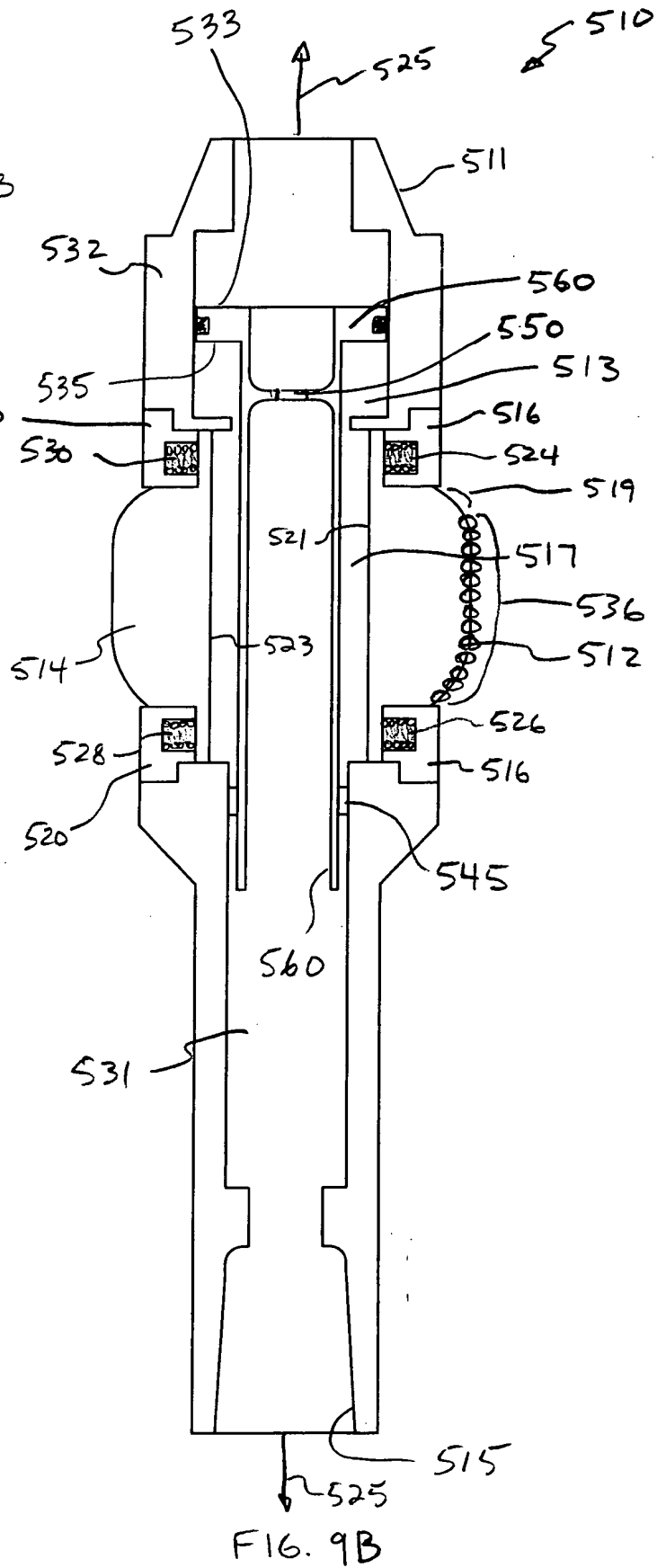
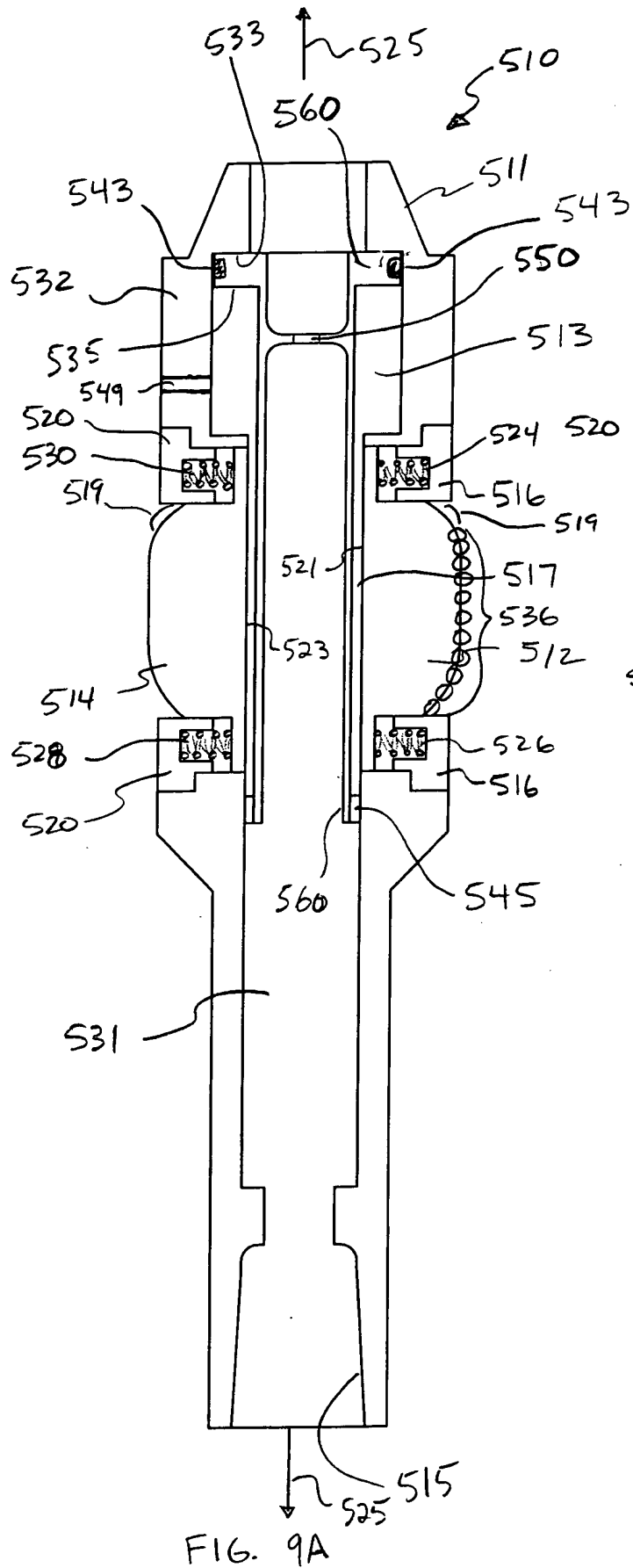


FIG. 8B

TITLE: EXPANDABLE REAMER APPARATUS FOR
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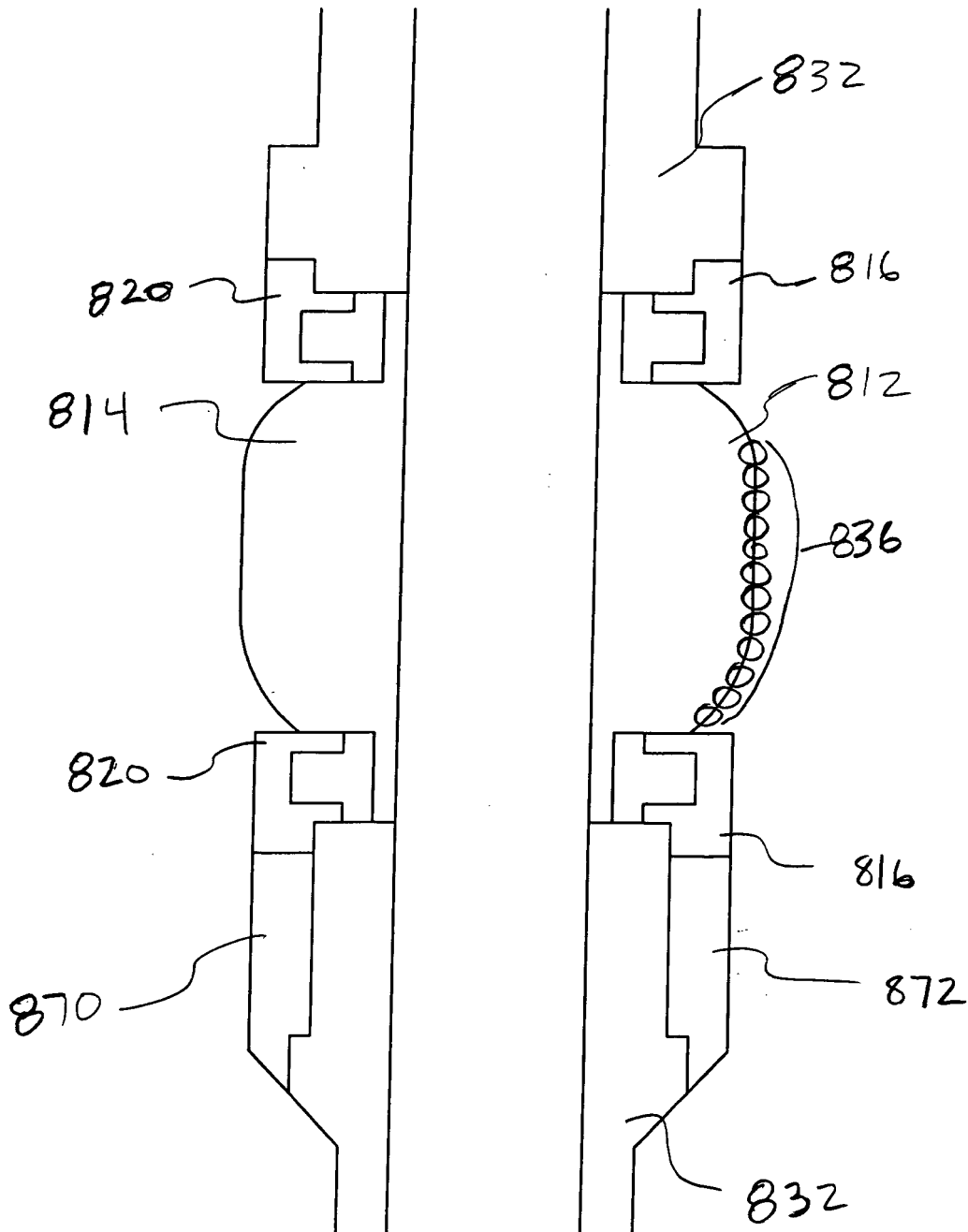


FIG. 10

TITLE: EXPANDABLE REAMER APPARATUS FOR
ENLARGING BOREHOLES WHILE DRILLING AND
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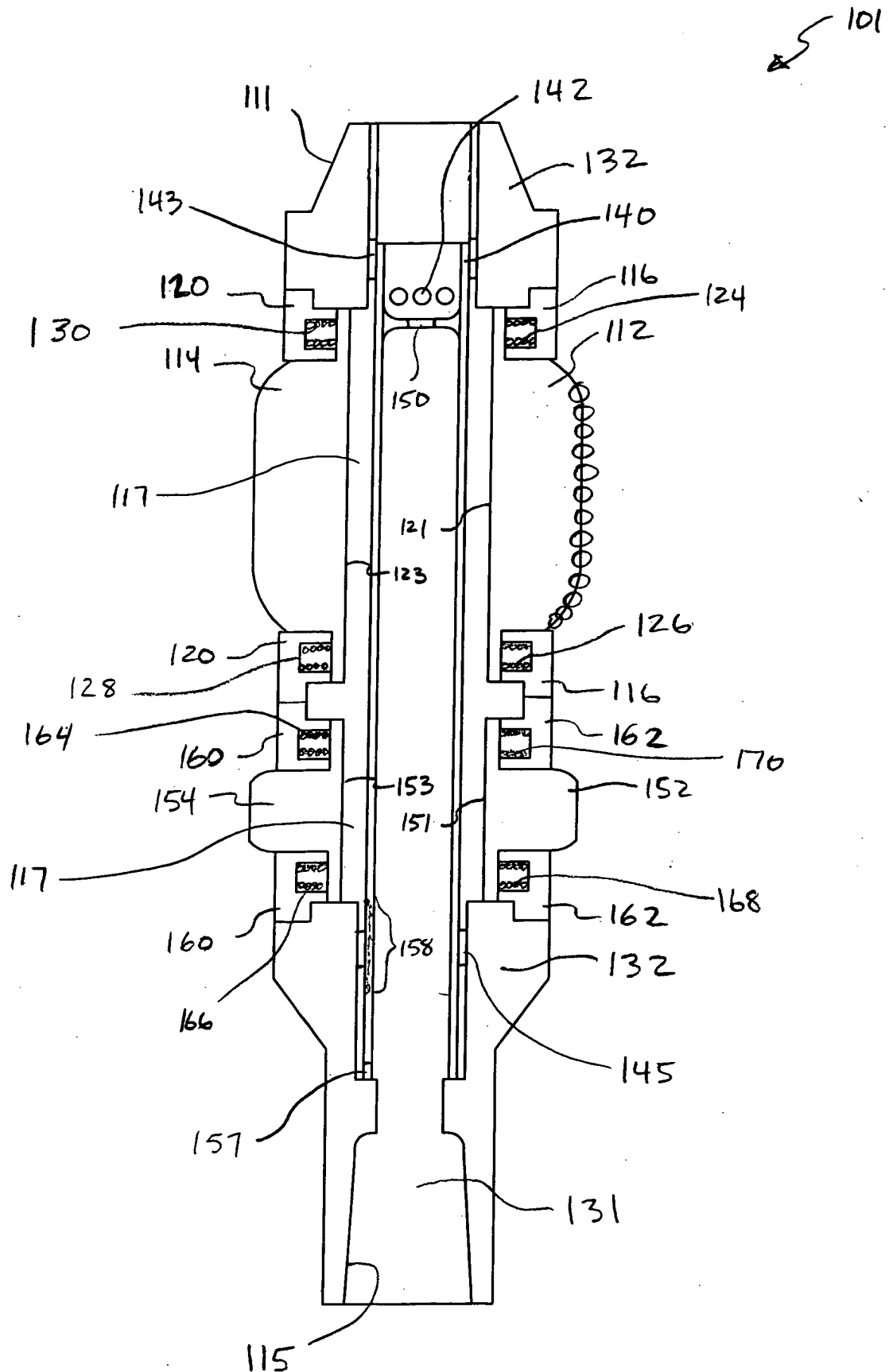


FIG. 11A

TITLE: EXPANDABLE REAMER APPARATUS FOR
ENLARGING BOREHOLES WHILE DRILLING AND
METHODS OF USE

Inventor: Radford et. Al.
Serial No.: Not Yet Assigned
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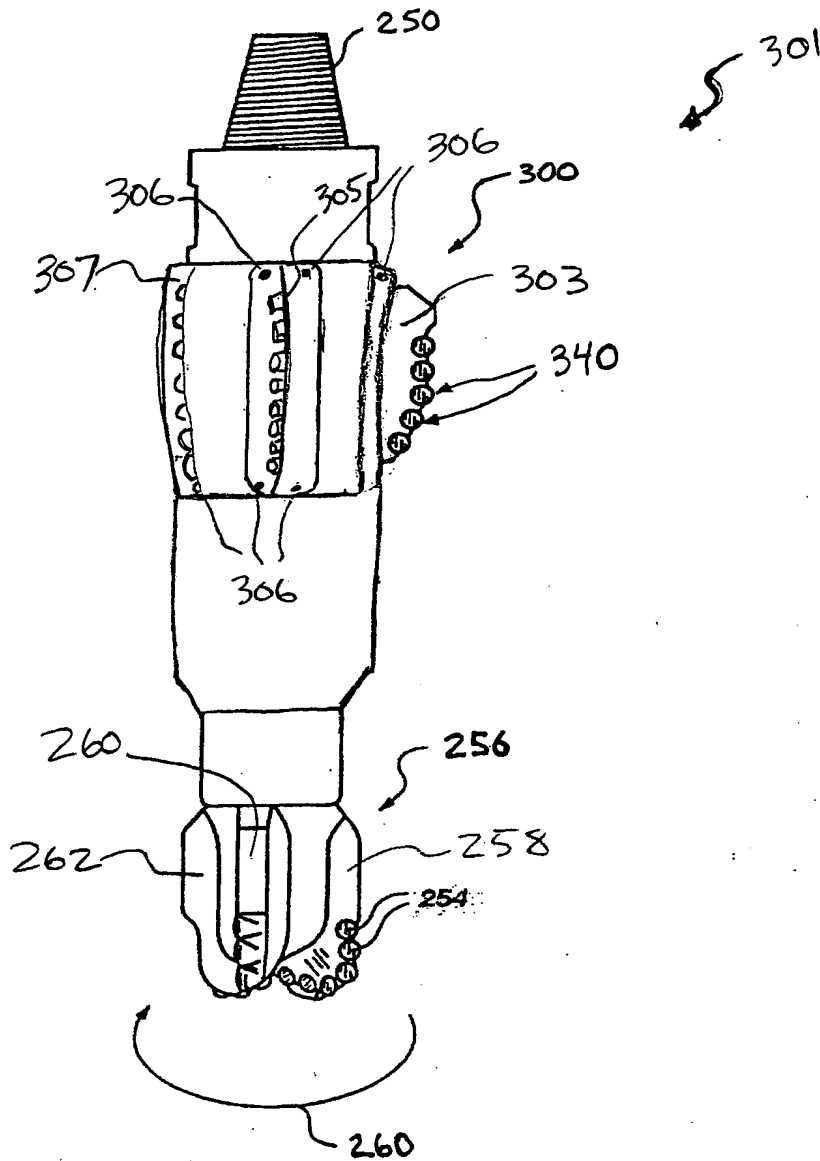


Fig. 11B

TITLE: EXPANDABLE REAMER APPARATUS FOR
ENLARGING BOREHOLES WHILE DRILLING AND
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Inventor: Radford et. Al.
Serial No.: Not Yet Assigned
Docket No.: 1684-5323.1US

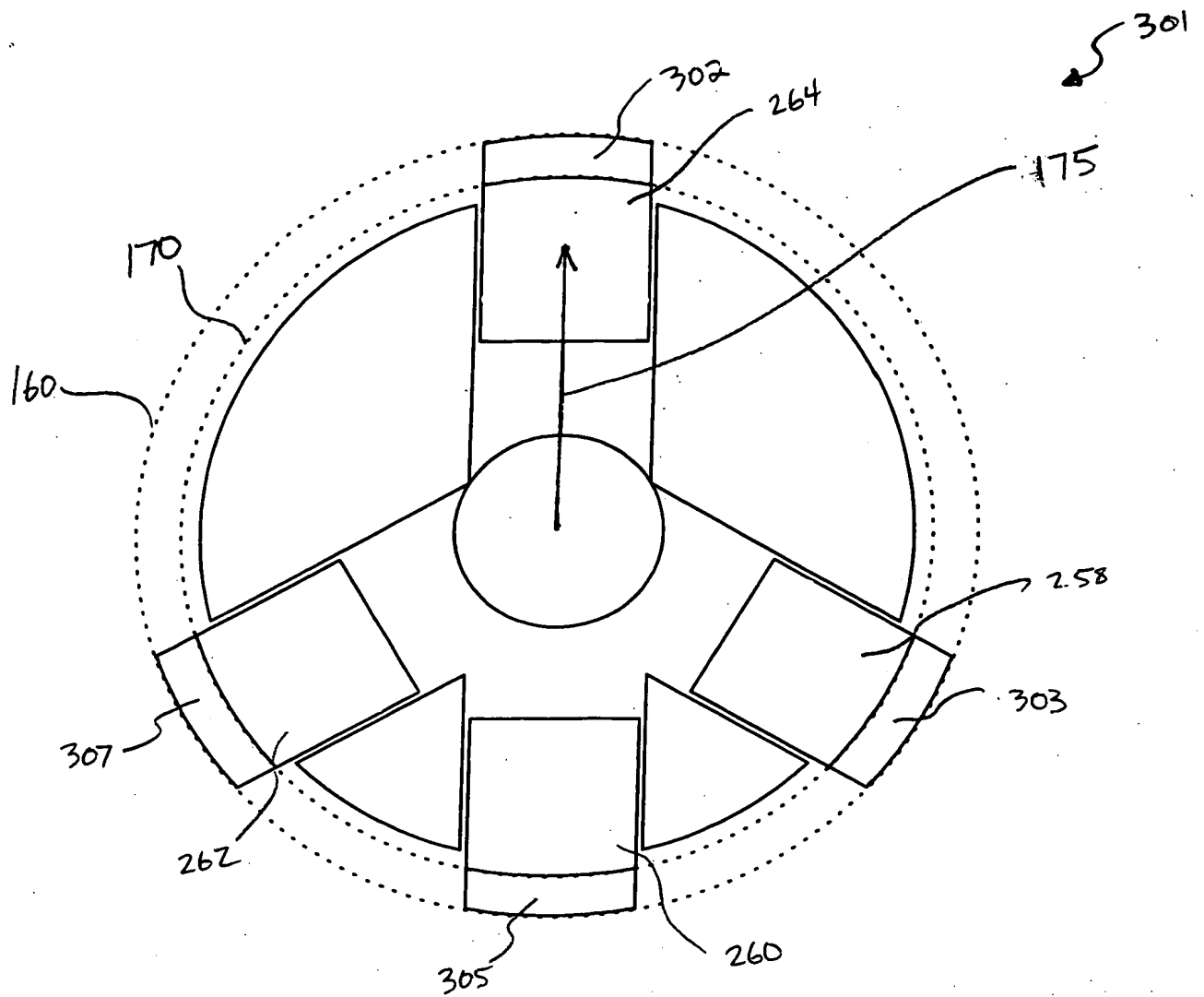


FIG. 11C

DRILLING FLUID
PRESSURE

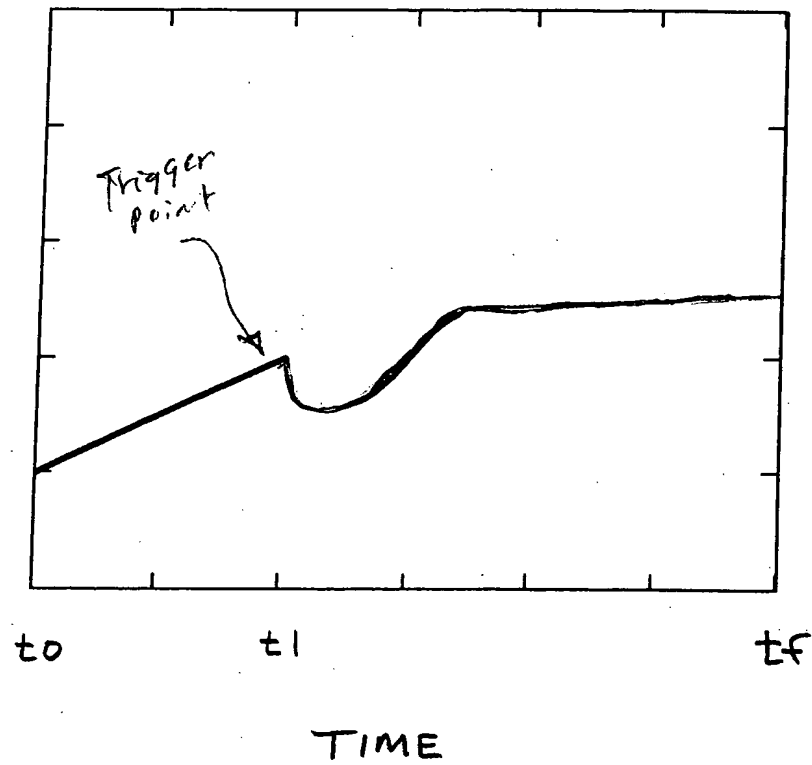


FIG 12

TITLE: EXPANDABLE REAMER APPARATUS FOR
ENLARGING BOREHOLES WHILE DRILLING AND
METHODS OF USE

Inventor: Radford et. Al.
Serial No.: Not Yet Assigned
Docket No.: 1684-5323.1US

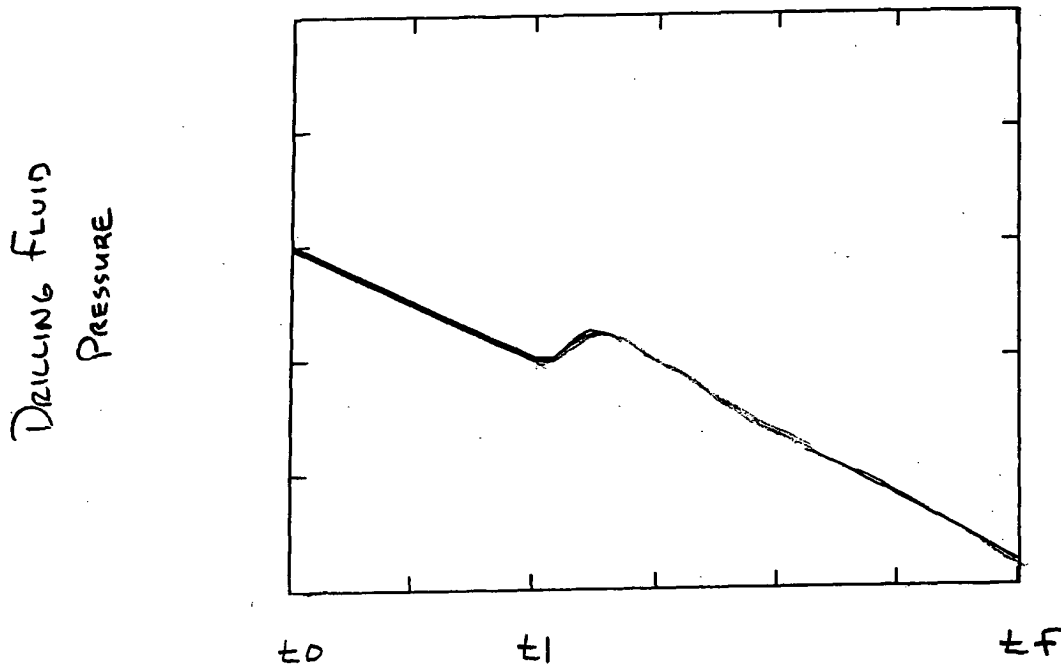


FIG 13

TITLE: EXPANDABLE REAMER APPARATUS FOR
ENLARGING BOREHOLES WHILE DRILLING AND
METHODS OF USE

Inventor: Radford et. Al.
Serial No.: Not Yet Assigned
Docket No.: 1684-5323.1US

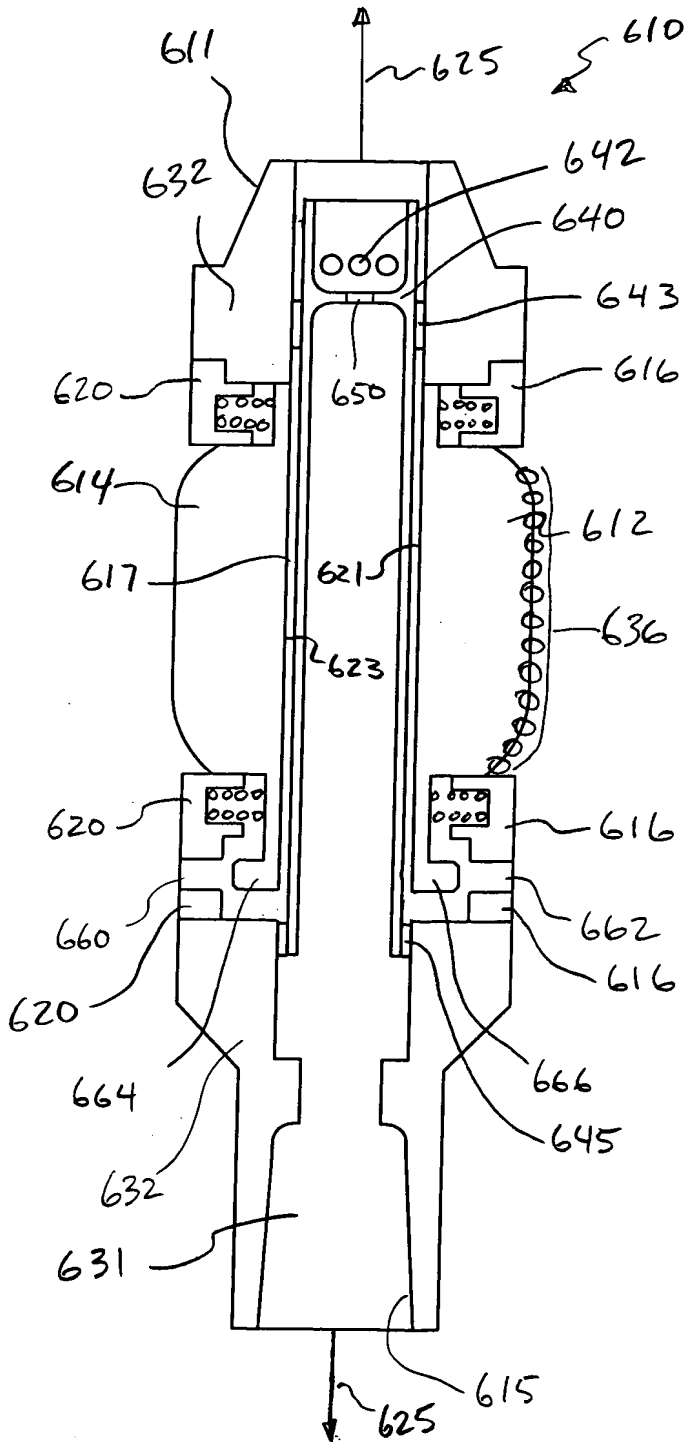


FIG. 14A

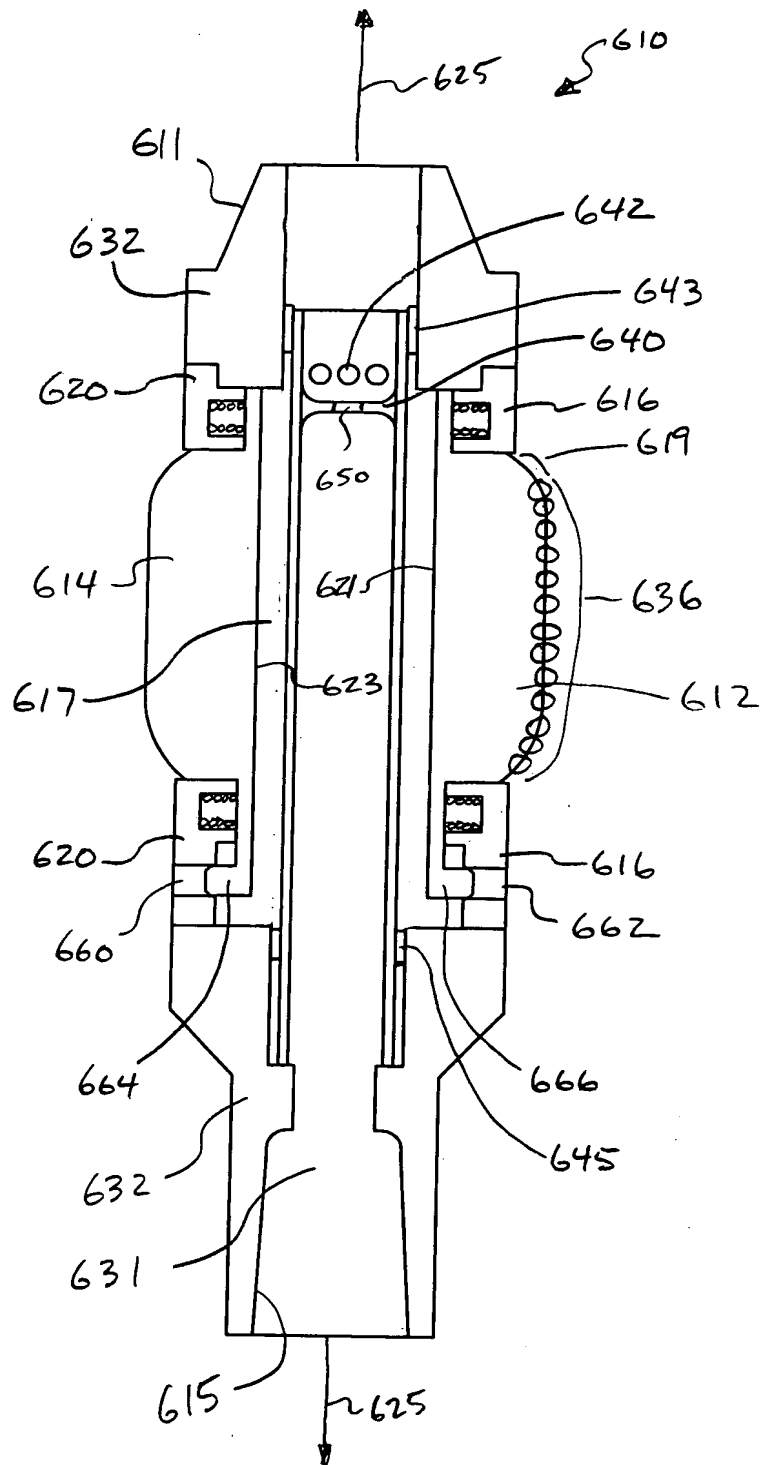


FIG. 14B